## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(("5463164") or ("6598481")).PN. or (2003/0150263).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:16
S2	299	(703/7).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:17
S3	172	(703/10).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:17
S4	128	(405/129.35).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:17
S5	66	(405/129.5).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:17
S6	37	(405/178).CCLS.	USPAT; USOCR	OR	OFF	2006/07/20 10:17
S7	16	S2 and fractur\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:24
S8	12	S7 and stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2006/07/20 10:24
59	0	S8 and cost\$effect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:24
S10	37	S3 and fractur\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:24
S11	0	S10 and cost\$effect\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:24
S12	18	S10 and stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:33
S13	. 8	("20020043370"   "4742459"   "4803873"   "5305209"   "5675147"   "5960369"   "6101447"   "6571619").PN. OR ("7062420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 10:28
S14	10	S10 and stress and cost\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:34

## **EAST Search History**

S15	14	S10 and stress and optim\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:41
S16	3	S4 and fractur\$3 same stimulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:43
S17	7	S4 and fractur\$3 and stress and optim\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:44
S18	3	S5 and fractur\$3 and stress and optim\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:45
S19	0	S6 and fractur\$3 and stress and optim\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:45
S20	1853	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:46
S21	390	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:46
S22	138	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6 and cost\$effect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:47
S23	28	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6 and cost\$effect\$3 and transducer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:47
S24	0	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6 and cost\$effect\$3 and transducer\$2 and veritcal and horizontal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:47

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S25	27	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6 and cost\$effect\$3 and transducer\$2 and vertical and horizontal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:48
S26	22	(stimulat\$4 or simulat\$4) and fractur\$2 same subterranean and stress and optim\$6 and cost\$effect\$3 and transducer\$2 and vertical and horizontal and real\$time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:49
S27	107	(stimulat\$4 or simulat\$4) same fractur\$2 same subterranean and stress and optim\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:49
S28	1	(stimulat\$4 or simulat\$4) same fractur\$2 same subterranean same stress same optim\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:54
S29	1	("5960369").PN.	USPAT; USOCR	OR	OFF	2006/07/20 10:54

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SOLIMAN, Mohamed, J. / EAST, Loyd, E., Jr. / ADAMS, David / HALLIBURTON ENERGY SERVICES, INC., PATENT COOPERATION TREATY APPLICATION, Jun 2005 ...designing and optimizing the number, placement...fractures in a subterranean formation and...that account for stress interference from...designing and optimizing the number, placement...fractures in the **subterranean** formation. One...formations is fracture stimulation. Fracture stimulation...

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POE, Bobby, D. / SOFITECH N.V., PATENT COOPERATION TREATY APPLICATION, Apr 2002

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<u>#5</u>	((fracture and optimize and stress ) <in>metadata)</in>	21



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((subterranean and fracture and optimize and stress)

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4	INZZ	3 AND fracture	unrestricted	0	-
5	INZZ	3 AND subterranean	unrestricted	0	40
6	INZZ	Adams-D\$	unrestricted	900	show titles
7	INZZ	6 AND fracture	unrestricted	32	show titles
8	INZZ	7 AND stress	unrestricted	10	show titles

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